

ABSTRACT

The present invention provides a new communication mechanism between the UE and the GGSN pertaining to Resource Reservation Protocol (RSVP) signaling, and coordinates and assigns responsibility for RSVP messaging. This ensures proper RSVP messaging, prevents unnecessary consumption of radio resources and reduces chances of collisions within the network. Also, the invention prevents the possibility that neither the UE nor GGSN respond appropriately to the RSVP requirements by halting transmission of any RSVP path/refreshment messages to the IP network in order to refresh/maintain the reservation states due to lack of clear assignment of responsibility. This lack of clear understanding between the UE and the GGSN may result in the expiration of the IP network resource reservations made earlier for media streams.